MONTCLAIR STATE UNIVERSITY

MS in Business Analytics

Master of Science in Business Analytics

The MS in Business Analytics program is a 30-credit, STEM-designated program that prepares graduates to influence decision-making, strategy and operations with timely, fact-based insights and knowledge.
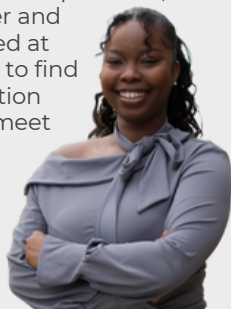
The program provides a strong foundation in data analytics, statistical and predictive modeling, analyzing structured and unstructured data, enterprise architecture, data management, knowledge discovery, pricing analytics, analytical reporting, segmentation analysis, and data visualization. Coding and data visualization are key components.

It is offered full-time on campus with both fall and spring start dates.

> Montclair State University has been an incredible journey for me. Starting with well-structured courses, to top-notch infrastructure, and personalized attention from professors have made it an exceptional place to learn. Its proximity to NYC adds an extra layer of excitement and opportunity. The warm welcome and energy from the community have truly made me feel at home. Additionally, meeting people from diverse backgrounds and countries has enriched my experience, broadening my perspectives and fostering meaningful connections."

Shouvik - India
Business Analytics student

$101,190 average salary for business analysts in 2024
U.S. Bureau of Labor Statistics 2024

19 kilometers from New York City

120+ student clubs and organizations

#81 Top Public Schools
U.S. News & World Report 2025, Top Public Colleges and Universities

AACSB ACCREDITED

> One thing that truly stands out for me about Montclair is the exceptional communication system. Whenever I need more information or have questions, there's always someone ready to answer and follow up. Moreover, when I first resumed at Montclair State University, I was thrilled to find out that they organized a social orientation program. This program allowed me to meet new people and make friends.

Alero - Nigeria
Business Analytics student

Program Highlights

- STEM-designated (eligible for 3 years of OPT)
- 30-credit program
- AACSB International Accreditation
- Distinguished faculty
- Executive Speaker series
- Professional Development Workshops
- Experiential Learning through the Analytics Practicum Course
- Domestic Study Trip
- Regular interaction with a network of experts and employers

Career Outcomes

Business Analytics graduates can go into a wide range of fields. Some of the most common career outcomes are:

- Operations Research
- Market Research
- Consultant
- Financial analyst
- Programmer analyst

- Computer systems analyst
- Business analysts
- Statistician
- Data scientist
- Data architect
- Quantitative analyst

Sample Courses

This **30-credit program** consists of many course options to choose from that will help you gain the skills and knowledge you need to help you succeed in your future career.

- Data Wrangling and Analysis
- Database Systems for Analytics
- Business Processes for Analytics

- Optimization Methods for Business Analytics
- Data Mining for Business
- Data Visualization
- Advanced Data Mining for Business

- Big Data Management and Analytics
- Analytics Practicum
- Applied Statistics for Business Analytics

Admission Requirements

- Application
- Application fee
- Official NACES transcript evaluation
- Official English proficiency test score
- Statement of purpose
- Resume
- Two letters of recommendation
- Optional:
  - GMAT or GRE

APPLY NOW